

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model
Run on: August 6, 2004, 11:42:53 ; Search time 664 Seconds
(without alignments)
9798.896 Million cell updates/sec
Title: US-09-927-091-3_COPY_2500_3826
Perfect score: 1327
Sequence: 1 tccacagtggtcacaggttag.....aaaaaaaaaaaaaaaa 1327

Scoring table: IDENTITY NUC
Gapop 10_0 , Gapext 1.0
Searched: 3222919 seqs, 2451570024 residues
Total number of hits satisfying chosen parameters: 6445838
Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:.*
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3: /cgn2_6/ptodata/1/pubpna/US06_PUB.seq.*
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18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	1306.4	98.4	30676	9	US-09-927-091-8
4	1281	96.5	30625	9	US-09-927-091-5
C 5	454.6	34.3	610	13	US-10-027-632-100265
C 6	454.6	34.3	610	16	US-10-027-632-100265
7	60	4.5	60	10	US-09-908-975-16197
C 8	54	4.1	480	10	US-09-918-995-9396
C 9	48.2	3.6	455	13	US-10-027-632-183220
C 10	48.2	3.6	455	13	US-10-027-632-183221
C 11	48.2	3.6	455	13	US-10-027-632-183221
C 12	48.2	3.6	455	16	US-10-027-632-183222
C 13	48.2	3.6	455	16	US-10-027-632-183220
C 14	48.2	3.6	455	16	US-10-027-632-183221
					Sequence 183222,

C 15	44.4	3.3	543	13	US-10-424-599-2087	Sequence 2087, Ap
C 16	43	3.2	338	16	US-10-062-674-861	Sequence 861, App
C 17	43	3.2	96596	12	US-10-052-482-70	Sequence 70, Appl
C 18	42.8	3.2	1429	13	US-10-424-599-3170	Sequence 3170, Ap
C 19	42	3.2	325	13	US-10-424-599-30250	Sequence 30250, A
C 20	42	3.2	431	9	US-09-933-797-274	Sequence 274, App
C 21	42	3.2	515	17	US-10-021-323-4545	Sequence 4545, Ap
C 22	41.8	3.1	17137	15	US-10-311-455-163	Sequence 163, App
C 23	41.6	3.1	2576	13	US-10-027-632-255924	Sequence 255924, A
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C 26	41.6	3.1	2576	16	US-10-027-632-255925	Sequence 255925, A
C 27	41	3.1	811	13	US-10-027-632-172935	Sequence 172935, A
C 28	41	3.1	811	16	US-10-027-632-172935	Sequence 172935, A
C 29	41	3.1	9095	17	US-10-433-793-91	Sequence 91, Appl
C 30	40.8	3.1	1812	10	US-09-374-046A-63	Sequence 63, Appl
C 31	40.8	3.1	1812	13	US-10-616-263-63	Sequence 63, Appl
C 32	40.8	3.1	1880	13	US-10-424-599-139668	Sequence 139668, A
C 33	40.6	3.1	574	17	US-10-021-323-7391	Sequence 7391, Ap
C 34	40.6	3.1	818	17	US-10-437-963-59603	Sequence 59603, A
C 35	40.4	3.0	430	17	US-10-078-090-87	Sequence 87, Appl
C 36	40.2	3.0	258	10	US-09-991-936-523	Sequence 523, App
C 37	40.2	3.0	6874	13	US-10-221-613-295	Sequence 295, App
C 38	40.2	3.0	6874	15	US-10-239-676-147	Sequence 147, App
C 39	40.2	3.0	6874	15	US-10-240-453-163	Sequence 163, App
C 40	40	3.0	603	17	US-10-021-323-5966	Sequence 5966, Ap
C 41	40	3.0	663	17	US-10-437-963-29394	Sequence 29394, A
C 42	39.8	3.0	353	17	US-10-021-323-8039	Sequence 8039, Ap
C 43	39.8	3.0	424	9	US-09-960-352-11218	Sequence 11218, A
C 44	39.8	3.0	454	13	US-10-027-632-6594	Sequence 6594, Ap
C 45	39.8	3.0	454	15	US-10-027-632-6594	Sequence 6594, Ap

ALIGNMENTS

RESULT 1
US-09-927-091-3
; Sequence 3, Application US/09927091
; Patent No. US20020119541A1
; GENERAL INFORMATION:
; APPLICANT: KILLARY, ANN
; APPLICANT: LOFT, STEVE
; APPLICANT: CHANDLER, DAWN
; TITLE OF INVENTION: THE TUMOR SUPPRESSOR CAR-1
; FILE REFERENCE: UTSC:651US
; CURRENT APPLICATION NUMBER: US/09/927,091
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/227,560
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 60/225,033
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 3826
; TYPE: DNA
; ORGANISM: Human
US-09-927-091-3

Query Match 100.0%; Score 1327; DB 9; Length 3826;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1327; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TCCACAGTGTGTACAGGTAGTACTGTCTCTAGGGTTCCTGAGGCCACCTCTCTGCG 60
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QY 61 CACCCCAACCAAGAACATATATGTTCTCTCCACTGATCTCTGTTGTCAGTGAT 120
Db 2560 CACCCCAACCAAGAACATATATGTTCTCTCTCTCCACTGATCTCTGTTGTCAGTGAT 2619
QY 121 GATGCTGTGCTGTGGAGGACCTGTTGTTAGTTCACACATTATAGTCATGTGCCA 180

Db 13970 AGACCCCTTGTGACAGTTGGCATCTATCTCAGTTAGGATCCTGTCGCAAAACAAGAGC 14029
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Db 14030 CACTTGTAGCTGGTTTAAATAGACAAGGATTACTACCTGGCCCTGGTGGCTTCRAAA 14089
QY 541 TTGTTGGAAGAGCTGGAGAAGCAGACTCTGCTGAATTTCCAGGAACCTCCAGCGCCAGAT 600
Db 14090 TTGTTGGAAGAGCTGGAGAAGCAGACTCTGCTGAATTTCCAGGAACCTCCAGCGCCAGAT 14149
QY 601 TCATCATGCTGTTGTGACAGAAAGCTGCCCATCTGAGGAAGCCTATGTCGACAGA 660
Db 14150 TCATCATGCTGTTGTGACAGAAAGCTGCCCATCTGAGGAAGCCTATGTCGACAGA 14209
QY 661 AAGCTGCTGACTGACAGAACTAGGCTCCCTCTGCAAGCTGCGTCCGACCAATAGATGTC 720
Db 14210 AAGCTGCTGACTGACAGAACTAGGCTCCCTCTGCAAGCTGCGTCCGACCAATAGATGTC 14269
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Db 14270 CTGAGGCTGCCCCCTCTCCCACTTCACTCAGTTCCCAATCTAAATTTTACAAGAGATT 14329
QY 781 CTGTTGGGGAACTTAAGTCAGATCCAGAACCTTTGGCTGCAAGGAGTCTGGGAAATGT 840
Db 14330 CTGTTGGGGAACTTAAGTCAGATCCAGAACCTTTGGCTGCAAGGAGTCTGGGAAATGT 14389
QY 841 CATTTCCCTAGAAGAACTTAGGCTGGGTGAGCAAGCCCACTGGTTTCTTCTGCCAC 900
Db 14390 CATTTCCCTAGAAGAACTTAGGCTGGGTGAGCAAGCCCACTGGTTTCTTCTGCCAC 14449
QY 901 AGCATCCAATCGTGAAGAACTCGGGAGAGGGTGGAGTCCACATCTAGGTTGTCTGCGCC 960
Db 14450 AGCATCCAATCGTGAAGAACTCGGGAGAGGGTGGAGTCCACATCTAGGTTGTCTGCGCC 14509
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Db 14510 CTGGCTCTATCCCTGCGCAGAGTGGAACTGAGAGAGTGGGTGCAAGACTGAGCCTA 14569
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Db 14570 AATGCTCCCGGCTTGACTTTTCTTAGTCTGGGCTAGATCTGCATCTGGG 14629
QY 1081 TCTCTGACAAACACACATCCCAAGTAGCGGAAGAGCTAAACACAGGGGGTCTTTAA 1140
Db 14630 TCTCTGACAAACACACATCCCAAGTAGCGGAAGAGCTAAACACAGGGGGTCTTTAA 14689
QY 1141 AATGGCTGCCCCCGCCACCGCGGCTCCCTTTGGGCAAAAGAAATGTGAGCCCTACCCCA 1200
Db 14690 AATGGCTGCCCCCGCCACCGCGGCTCCCTTTGGGCAAAAGAAATGTGAGCCCTACCCCA 14749
QY 1201 ACCCTTCACTACAGAACTGCGGCCACCCAGCAGTATTTTAAATGTTGCCCA 1260
Db 14750 ACCCTTCACTACAGAACTGCGGCCACCCAGCAGTATTTTAAATGTTGCCCA 14809
QY 1261 TTTTATGAGTTATGATCAATTTGTTATTAATTAAGTTTACAGATGTC 1308
Db 14810 TTTTATGAGTTATGATCAATTTGTTATTAATTAAGTTTACAGATGTC 14857

RESULT 3

US-09-927-091-8
; Sequence 8, Application US/09927091
; Patent No. US20020119541A1
; GENERAL INFORMATION:
; APPLICANT: KILLARY, ANN
; APPLICANT: LOTT, STEVE
; TITLE OF INVENTION: THE TUMOR SUPPRESSOR CAR-1
; FILE REFERENCE: UTSC-651US
; CURRENT APPLICATION NUMBER: US/09/927,091
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/227,560
; PRIOR FILING DATE: 2000-08-23

Query Match 98.4%; Score 1306.4; DB 9; Length 30676;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1307; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 24500 CACCCCCACACCAAGAACTATATGTTCTCTACTTCTCCACTGATCTGCTGGTCAGTGAT 24559
QY 121 GATGCTGTGGCTCTGGAAGCACTCTGGTGTAGTTCAGTCCACATTAATGATGTGCCA 180
Db 24560 GATGCTGTGGCTCTGGAAGCACTCTGGTGTAGTTCAGTCCACATTAATGATGTGCCA 24619
QY 181 CCACCTTCTCCCAACAGGCGGAGGACAGGTGAGGTTATACCAAGCTGATGCAGAG 240
Db 24620 CCACCTTCTCCCAACAGGCGGAGGACAGGTGAGGTTATACCAAGCTGATGCAGAG 24679
QY 241 CCCATTAGCTTAAAGCAACTGCAAGCAAGCCCTCCCTGGATGATCGAGGTCCCAAGTAG 300
Db 24680 CCCATTAGCTTAAAGCAACTGCAAGCAAGCCCTCCCTGGATGATCGAGGTCCCAAGTAG 24739
QY 301 CTCTGAACAAGAGTCCAGCAACCTCTTTCAGCCAGGCTCTGTGACCTGCTAGGGTGCA 360
Db 24740 CTCTGAACAAGAGTCCAGCAACCTCTTTCAGCCAGGCTCTGTGACCTGCTAGGGTGCA 24799
QY 361 GGAGCTTCCAGAGAGCTGTTGTTAATAGGACCCAGCACTGGAGGGCTGTGGCT 420
Db 24800 GGAGCTTCCAGAGAGCTGTTGTTAATAGGACCCAGCACTGGAGGGCTGTGGCT 24859
QY 421 AGACCCCTTGTGACAGTCTGATCTATCTCAGTTAGGATCCTGCTGAGAAACAAGAGC 480
Db 24860 GGACCCCTTGTGACAGTCTGATCTATCTCAGTTAGGATCCTGCTGAGAAACAAGAGC 24919
QY 481 CACTTGTAGCTGGTTTAAATAGACAAGGATTACTACCTGGCCCTGGTGGCTTCGAAAA 540
Db 24920 CACTTGTAGCTGGTTTAAATAGACAAGGATTACTACCTGGCCCTGGTGGCTTCGAAAA 24979
QY 541 TTGTTGGAAGAGCTGGAGAAGCAGACTCTGCTGAATTTCCAGGAACCTCCAGCGCCAGAT 600
Db 24980 TTGTTGGAAGAGCTGGAGAAGCAGACTCTGCTGAATTTCCAGGAACCTCCAGCGCCAGAT 25039
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Qy	901	AGCATCCCAATCGTGAAGAACTCGGGAGAGGTTGAGATCCACATCTAGGGTTGTCTTGCCC	960
Db	25340	AGCATCCCAATCGTGAAGAACTCGGGAGAGGTTGAGATCCACATCTAGGGTTGTCTTGCCC	25399
Qy	961	CTTGGCTCTATCCCTGCCAGAGTGGGAACTGGAGGATGGGTGCAAGTCTGAGCGCTA	1020
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Qy	1021	AATGTCCTCCCGGCTCTGACTTTTCTTCTTAGTCTCTGGGCTAGATTCTTGCACTTGGGG	1080
Db	25460	AATGTCCTCCCGGCTCTGACTTTTCTTCTTAGTCTCTGGGCTAGATTCTTGCACTTGGGG	25519
Qy	1081	TCTCTGACAAACACACACATCCCAAAGTAGCCGGAAGAGCTAAACACAGGGGGTCTTTAA	1140
Db	25520	TCTCTGACAAACACACACATCCCAAAGTAGCCGGAAGAGCTAAACACAGGGGGTCTTTAA	25579
Qy	1141	AATGGTGTCCCGGCAACCCGGGCTCCCTTGGGCAAAAGAAATGTTCAGCCCTACCCCA	1200
Db	25580	AATGGTGTCCCGGCAACCCGGGCTCCCTTGGGCAAAAGAAATGTTCAGCCCTACCCCA	25639
Qy	1201	ACCTTTCAACTACCAAGATCTGGGCCACCCACAGAGTATTTTATTTAAAAATGTTGCCCA	1260
Db	25640	ACCTTTCAACTACCAAGATCTGGGCCACCCACAGAGTATTTTATTTAAAAATGTTGCCCA	25699
Qy	1261	TTTATGAGTTATGATCAATTTGTTATTAATTAAGTTACAGTGCA	1308
Db	25700	TTTATGAGTTATGATCAATTTGTTATTAATTAAGTTACAGTGCA	25747

RESULT 4

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US-09-927-091-5
; Sequence 5, Application US/09927091
; Patent No. US20020119541A1
; GENERAL INFORMATION:
; APPLICANT: KILLARY, ANN
; APPLICANT: LOTT, STEVE
; APPLICANT: CHANDLER, DAWN
; TITLE OF INVENTION: THE TUMOR SUPPRESSOR CAR-1
; FILE REFERENCE: UTSC:651US
; CURRENT APPLICATION NUMBER: US/09/927,091
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/227,560
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 60/225,033
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 30625
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (4754)..(30625)
; OTHER INFORMATION: n = A or C or G or T/U
US-09-927-091-5

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	Best Local Similarity	99.2%;	Pred. No. 0;		
	Matches 1298;	Conservative	0;	Mismatches 10;	Indels 1; Gaps 1;
QY	1	TCACAGTGGTCACAGGTAGTACCTGGTCCCTAGGTTGCTGAGAGCAACCTCTCTGCG	60		
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QY	61	CACCCCCACACCAAGAACTATATGGTTCTACTTCTCCACCTGATCTGCTGGTCAGTGTAT	120		
Db	23035	CATCCCCACACCAAGAAATATATGGTTCTACTTCTCCACCTGATCTGCTGGTCAGTGTAT	23094		

Qy 1200 AACCTTCACTACAGAACTGGGCCACCCAGCAGTATTTTAAATGTTGCC 1259
Db 24175 AACCTTCACTACAGAACTGGGCCACCCAGCAGTATTTTAAATGTTGCC 24234
Qy 1260 ATTTATGAGTATGATCAATTTGATTTAAATTAAGTTACAGATGCA 1308
Db 24235 ATTTATGAGTATGATCAATTTGATTTAAATTAAGTTACAGATGCA 24283

RESULT 5
US-10-027-632-100265/c
; Sequence 100265, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 100265
; LENGTH: 610
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-100265

Query Match 34.3%; Score 454.6; DB 13; Length 610;
Best Local Similarity 99.8%; Pred. No. 3.8e-128;
Matches 454; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TCACAGTGGTCACAGTAGTACCTGGTCTTAGGGTGGCTGAGAGCAACCTCTCTGC 60
Db 455 TCACAGTGGTCACAGTAGTACCTGGTCTTAGGGTGGCTGAGAGCAACCTCTCTGC 396
Qy 61 CACCCCCACACCAAGAACTATATGTTCTCTTCTCCCACTGATCTGCTGGTCAGTGAT 120
Db 395 CACCCCCACACCAAGAACTATATGTTCTCTTCTCCCACTGATCTGCTGGTCAGTGAT 336
Qy 121 GATGCTGTGGCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 180
Db 335 GATGCTGTGGCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 336
Qy 181 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 276
Db 181 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 240
Qy 275 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 216
Db 241 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 300
Qy 215 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 156
Db 301 CTCTGAACAAGAGTCCAGCAACCTCTTCTGAGCCAGGCTCTGATCTGCTGGTGCA 360
Qy 155 CTCTGAACAAGAGTCCAGCAACCTCTTCTGAGCCAGGCTCTGATCTGCTGGTGCA 96
Db 361 GGAGGCTTCCAGAGCAGTGTGTTGTAATTAAGACCCCAAGCACTGGGAGGGGCTGTGGCT 420
Qy 95 GGAGGCTTCCAGAGCAGTGTGTTGTAATTAAGACCCCAAGCACTGGGAGGGGCTGTGGCT 36

Qy 421 AGACCCCTTGTACAGACTGGCATCTATCTCAGTTA 455
Db 35 RGACCCCTTGTACAGACTGGCATCTATCTCAGTTA 1
RESULT 6
US-10-027-632-100265/c
; Sequence 100265, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 100265
; LENGTH: 610
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-100265

Query Match 34.3%; Score 454.6; DB 16; Length 610;
Best Local Similarity 99.8%; Pred. No. 3.8e-128;
Matches 454; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TCACAGTGGTCACAGTAGTACCTGGTCTTAGGGTGGCTGAGAGCAACCTCTCTGC 60
Db 455 TCACAGTGGTCACAGTAGTACCTGGTCTTAGGGTGGCTGAGAGCAACCTCTCTGC 396
Qy 61 CACCCCCACACCAAGAACTATATGTTCTCTTCTCCCACTGATCTGCTGGTCAGTGAT 120
Db 395 CACCCCCACACCAAGAACTATATGTTCTCTTCTCCCACTGATCTGCTGGTCAGTGAT 336
Qy 121 GATGCTGTGGCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 180
Db 335 GATGCTGTGGCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 276
Qy 181 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 240
Db 275 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 216
Qy 241 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 300
Db 215 CCACCTTCTCTGCCCTGTGGAAGCACTGATGTTCTTCTCCCACTGATCTGCTGGTCAGTGAT 156
Qy 301 CTCTGAACAAGAGTCCAGCAACCTCTTCTGAGCCAGGCTCTGATCTGCTGGTGCA 360
Db 155 CTCTGAACAAGAGTCCAGCAACCTCTTCTGAGCCAGGCTCTGATCTGCTGGTGCA 96
Qy 361 GGAGGCTTCCAGAGCAGTGTGTTGTAATTAAGACCCCAAGCACTGGGAGGGGCTGTGGCT 420
Db 95 GGAGGCTTCCAGAGCAGTGTGTTGTAATTAAGACCCCAAGCACTGGGAGGGGCTGTGGCT 36
Qy 421 AGACCCCTTGTACAGACTGGCATCTATCTCAGTTA 455

Db 420 ATGCTCACAGAGTTGTTGGGAAGCTTAAGAAACAGACTAGTGGTAATATCCAGGAA 363

RESULT 9
US-10-027-632-183220/c
; Sequence 183220, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 183220
; LENGTH: 455
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-183220

Query Match 3.6%; Score 48.2; DB 13; Length 455;
Best Local Similarity 60.6%; Pred. No. 0.0011;
Matches 77; Conservative 1; Mismatches 49; Indels 0; Gaps 0

QY 719 TCCTGAGGCGCTGCCCTCTCCACTTCACAGTCCCAATCTAAATTTTACAAGAGA 778
Db 217 TACTGATCCACCTCTTTTCCAACTAATCTGGTCTTCTAGTCAGACTCAGAAATAT 158
QY 779 TTCTGTTTGGGGAACTTAAGTCAGATCCAGAACCTTGGCTGCAGGGAGTCTGGGAAT 838
Db 157 ATCTGATGATGGAATTAAATTCACATCAAGAATGCTAGCTGCAGGGGGCTCTGGGAAA 98

QY 839 GTCAATT 845
Db 97 AYAATT 91

RESULT 10
US-10-027-632-183221/c
; Sequence 183221, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24

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; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183221
; LENGTH: 455
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-183221
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Query Match 3.6%; Score 48.2; DB 13; Length 455;
Best Local Similarity 60.6%; Pred. No. 0.0011;
Matches 77; Conservative 1; Mismatches 49; Indels 0; Gaps 0;

QY 719 TCTGAGGCTGCCCTCTCCCACTTCACTCAGTTCCTCCCAATCTAAATTTTACAAGAGA 778
Db 217 TACTGACTCCACCTCTTTTCCAACTAATCTGGTCTCTAGTCAAGACTCACAGAATAT 158

QY 779 TTCTGTTGGGGAACTTAAGTCAGATCCAGAACCTTGGCTCAAGGGAGTCTGGGAAAT 838
Db 157 ATCTGATTGATGAATTTAATTCACATCAAGATGCTAGTGCAGGGGCTCTGGGAAA 98

QY 839 GTCAATT 845
Db 97 AYAATTT 91
```

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RESULT 11
US-10-027-632-183222/c
; Sequence 183222, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
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; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
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; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183222
; LENGTH: 455
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-183222
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Query Match 3.6%; Score 48.2; DB 13; Length 455;
Best Local Similarity 60.6%; Pred. No. 0.0011;
Matches 77; Conservative 1; Mismatches 49; Indels 0; Gaps 0;
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QY 719 TCTGAGGCTGCCCTCTCCCACTTCACTCAGTTCCTCCCAATCTAAATTTTACAAGAGA 778
Db 217 TACTGACTCCACCTCTTTTCCAACTAATCTGGTCTCTAGTCAAGACTCACAGAATAT 158
QY 779 TTCTGTTGGGGAACTTAAGTCAGATCCAGAACCTTGGCTCAAGGGAGTCTGGGAAAT 838
```

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Db 157 ATCTGATTGATGAATTTAATTCACATCAAGATGCTAGTGCAGGGGCTCTGGGAAA 98
QY 839 GTCAATT 845
Db 97 AYAATTT 91
```

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RESULT 12
US-10-027-632-183220/c
; Sequence 183220, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
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; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
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; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183220
; LENGTH: 455
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-183220
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Query Match 3.6%; Score 48.2; DB 16; Length 455;
Best Local Similarity 60.6%; Pred. No. 0.0011;
Matches 77; Conservative 1; Mismatches 49; Indels 0; Gaps 0;
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QY 719 TCTGAGGCTGCCCTCTCCCACTTCACTCAGTTCCTCCCAATCTAAATTTTACAAGAGA 778
Db 217 TACTGACTCCACCTCTTTTCCAACTAATCTGGTCTCTAGTCAAGACTCACAGAATAT 158
QY 779 TTCTGTTGGGGAACTTAAGTCAGATCCAGAACCTTGGCTCAAGGGAGTCTGGGAAAT 838
Db 157 ATCTGATTGATGAATTTAATTCACATCAAGATGCTAGTGCAGGGGCTCTGGGAAA 98
QY 839 GTCAATT 845
Db 97 AYAATTT 91
```

```
RESULT 13
US-10-027-632-183221/c
; Sequence 183221, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
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; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
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; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
```

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; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183221
; LENGTH: 455
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-183221

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	Query Match	3.6%	Score 48.2;	DB 16;	Length 455;
	Best Local Similarity	60.6%;	Pred. No. 0.0011;		
	Matches	77;	Conservative	1;	Mismatches 49; Indels 0; Gaps 0;
QY	719	TCCTGAGGCGTCCCTCTCCCACTTCACATCAGTTCCCAATCTAAATTTTACAGAGA	778		
Db	217	TACTGATCCACCTTTTCCAACTAATCTGGTTCRTAGTCAAGACTCACAGAAATAT	158		
QY	779	TTCTGTTTGGGGAACTTAAAGTCAGATCCAGAACCTTGGCTGCAAGGAGTCTGGGAAAT	838		
Db	157	ATCTGATTGATGAATTTAATTACATCAAGATGCTAGCTGCAGGGGGCTCTGGGAAA	98		
QY	839	GTCATTT	845		
Db	97	AYAAATT	91		

```

RESULT 14
US-10-027-632-183222/c
; Sequence 183222, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183222
; LENGTH: 455
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-183222

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Query Match 3.6%; Score 48.2; DB 16; Length 455;
Best Local Similarity 60.6%; Pred. No. 0.0011;
Matches 77; Conservative 1; Mismatches 49; Indels 0; Gaps 0;
QY 719 TCTGTAGGCGTGCCTCTCCCACTTCACCTGCCAATCTAAATTTTCAAGAGA 778

Db	217	TACTGACTCCACCTCTTTTCCAAACTAATCTGGTTCTRTAGTCAAGACTCACAGAAATAT	158
Qy	779	TTCTGTTTTGGGGAACTTAACTCAGATCCAGAACCTTGGCTGCAAGGGAGTCTGGGAAT	838
Db	157	ATCTGATTGATGGAAATTATTCATCACAAGATCTAGCTGCAGGGGCTCTGGAAAA	98
Qy	839	GTCATTT 845	
Db	97	AYATTT 91	

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RESULT 15
US-10-424-599-2087/c
; Sequence 2087, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 2087
; LENGTH: 543
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_10188C.1
US-10-424-599-2087

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	Query Match	3.3%;	Score 44.4;	DB 13;	Length 543;
	Best Local Similarity	58.2%;	Pred. No. 0.018;		
	Matches	78;	Conservative 0;	Mismatches 56;	Indels 0;
	Gaps	0;			
Qy	1194	TACCCCAACCCCTCAACTACCAAGATCTGGGCCACCCGACGACTATTTTATTAAAAATG	1253		
Db	171	TCCCCCCCCCCCCCTTTTCCCTAGCTGGAAAAAGCCCCCTTTTTTTTTTAAAAAT	112		
Qy	1254	TTGCCCATTTTATGAGTTATGATCAATTTGTATTAATTAAGTTACAGATGCAAAAAA	1313		
Db	111	TTGCCCCCTTTTGTAAAAAANAANAANAANAANAANAANAANAANAANAANA	52		
Qy	1314	AAAAAAAAAAAAAA	1327		
Db	51	AAAAAAAAAAAAAA	38		

Search completed: August 6, 2004, 14:08:48
Job time : 668 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 6, 2004, 05:16:45 ; Search time 117 Seconds
(without alignments)
6294.187 Million cell updates/sec

Title: US-09-927-091-3_COPY_2500_3826

Perfect score: 1327

Sequence: 1 tccacagtgtcacagtag.....aaaaaaaaaaaaaaaaaaaa 1327

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.*

- 1: /cgn2_6/ptodata/2/ina/5A COMB.seq.*
- 2: /cgn2_6/ptodata/2/ina/5B COMB.seq.*
- 3: /cgn2_6/ptodata/2/ina/6A COMB.seq.*
- 4: /cgn2_6/ptodata/2/ina/6B COMB.seq.*
- 5: /cgn2_6/ptodata/2/ina/PCTUS COMB.seq.*
- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	41.2	3.1	597	4	US-09-621-976-17621
2	41	3.1	323	4	US-09-621-976-10374
3	39.8	3.0	572	4	US-09-696-169A-12
4	38.8	2.9	2134	2	US-08-483-151-3
5	38.8	2.9	2134	5	PCT-US96-06427-3
6	38.6	2.9	1174	1	US-07-869-933-10
7	38.6	2.9	1174	3	US-09-103-663-10
8	38.6	2.9	2469	3	US-09-111-730-5
9	38.2	2.9	8920	2	US-08-446-855A-1
10	38.2	2.9	8920	3	US-09-150-741-1
11	38	2.9	2371	2	US-08-343-443B-1
12	38	2.9	7664	4	US-10-204-708-84
13	37.8	2.8	1217	3	US-09-277-716-17
14	37.8	2.8	1217	4	US-09-609-161B-17
15	37.8	2.8	4160	4	US-09-134-218-1
16	37.6	2.8	262	4	US-09-621-976-17925
17	37.2	2.8	1785	2	US-08-307-485A-6
18	37.2	2.8	1785	2	US-08-465-809-1
19	37	2.8	2920	4	US-10-158-847-137
20	36.4	2.7	567	3	US-09-385-982-427
21	36.2	2.7	1797	3	US-09-157-603-2
22	36.2	2.7	1797	3	US-09-587-436-2
23	36.2	2.7	1797	4	US-08-327-165A-2
24	36	2.7	268	4	US-09-621-976-73
25	36	2.7	6124	4	US-08-213-419B-3
26	36	2.7	7724	4	US-08-486-049-1
27	35.6	2.7	1365	4	US-09-614-912-5

28	35.4	2.7	1689	4	US-09-053-374A-4
29	35.4	2.7	1882	3	US-09-370-253-1
30	35.4	2.7	1897	1	US-08-184-632-1
31	35.2	2.7	882	2	US-08-909-965C-9
32	35.2	2.7	1465	4	US-09-220-132-159
33	35.2	2.7	4137	4	US-09-499-964-2
34	35	2.6	513	4	US-09-288-143-31
35	34.8	2.6	411	4	US-09-134-000C-713
36	34.8	2.6	931	4	US-09-482-273-31
37	34.8	2.6	2836	3	US-08-747-221B-24
38	34.8	2.6	2836	3	US-08-747-221B-24
39	34.8	2.6	2836	3	US-09-005-051-24
40	34.8	2.6	2836	3	US-09-005-051-24
41	34.8	2.6	2836	4	US-09-403-942F-24
42	34.8	2.6	2836	4	US-09-403-942F-24
43	34.6	2.6	1223	4	US-09-461-325-101
44	34.6	2.6	1223	4	US-10-012-542-101
45	34.6	2.6	1310	4	US-09-187-999-3

ALIGNMENTS

RESULT 1
US-09-621-976-17621/c
; Sequence 17621, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 17621
; LENGTH: 597
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-17621

Query Match	3.1%	Score 41.2;	DB 4;	Length 597;
Best Local Similarity	57.2%	Pred. No. 0.023;		
Matches	95;	Conservative	0;	Mismatches 68; Indels 3; Gaps 1;
QY	665	TGCTGACTGCAGAACTAGGCTCCCTCTGCGCACGGTCCGTCGCCAGCCAAATAGATGCTCTGA	724	
Db	165	TGCTGACAGCAGAAATGACACCACTATATTTCTATACATGCCAGCAATAAATGTTTTAT	106	
QY	725	GGCTGCGCCCTCCCACTTCACATCAGTCCCAAAATCTAAATTTTACAGAGATTCTGT	784	
Db	105	ATCTGCTTTCTTCACATTTAGTTCTTTTCTACAGCCAAATGGCACTGTGAGATATCT	46	
QY	785	TTGCGGGAACCTTAAGTCAGATCCAGAACCTTGCCTGCAAGGGAGTC	830	
Db	45	GT---GGAATCTAAATCTTATCCAGGACCAGGCTATGTGGGAATC	3	

RESULT 2
US-09-621-976-10374
; Sequence 10374, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335


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Matches      59; Conservative      0; Mismatches      34; Indels      0; Gaps      0;

QY      1235 AGTATTTTATTAAATGTTGCCATTTTATGAGTTATGATCAATTTGTATTAAATTA 1294
      |||||
Db      1080 AGAATGAATAGATTCAATTATTAGCATTTGTAAGAAGAGATGTTCAATTTCAATAAATAA 1139

QY      1295 AGTTACAGATGTCACAAAAAATAAAAAAAAAAAAA 1327
      |||||
Db      1140 TATAAACCATGTGTAATAAAAAAAAAAAAAA 1172

RESULT 7
US-09-103-663-10
; Sequence 10, Application US/09103663D
; Patent No. 6171803
; GENERAL INFORMATION:
; APPLICANT: Kinet et al.
; TITLE OF INVENTION: Isolation, characterization, and use of the human beta
; TITLE OF INVENTION: subunit of the high affinity receptor for
; FILE REFERENCE: 50490
; CURRENT APPLICATION NUMBER: US/09/103,663D
; CURRENT FILING DATE: 1998-06-23
; EARLIER APPLICATION NUMBER: 07/869,933
; EARLIER FILING DATE: 1992-04-16
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (107)..(880)
US-09-103-663-10

Query Match      2.9%; Score 38.6; DB 3; Length 1174;
Best Local Similarity 63.4%; Pred.No.0.21;
Matches      59; Conservative      0; Mismatches      34; Indels      0; Gaps      0;

QY      1235 AGTATTTTATTAAATGTTGCCATTTTATGAGTTATGATCAATTTGTATTAAATTA 1294
      |||||
Db      1080 AGAATGAATAGATTCAATTATTAGCATTTGTAAGAAGAGATGTTCAATTTCAATAAATAA 1139

QY      1295 AGTTACAGATGTCACAAAAAATAAAAAAAAAAAAA 1327
      |||||
Db      1140 TATAAACCATGTGTAATAAAAAAAAAAAAAA 1172

RESULT 8
US-09-111-730-5
; Sequence 5, Application US/09111730
; Patent No. 6274359
; GENERAL INFORMATION:
; APPLICANT: Hideharu Anazawa
; APPLICANT: Hiroko Shimada
; APPLICANT: Seiji Sugimoto
; APPLICANT: Toshimasa Shinki
; APPLICANT: Tatsuo Suda
; APPLICANT: Yuzuru Ishimura
; APPLICANT: Matsuhiko Hayashi
; APPLICANT: Toshiaki Monkawa
; APPLICANT: Tadashi Yoshida
; APPLICANT: Shu Wakino
; APPLICANT: Takao Saruta
; APPLICANT: Hiromichi Suzuki
; TITLE OF INVENTION: 25-HYDROXYVITAMIN D3-1a-HYDROXYLASE AND DNA ENCODING THE
; FILE REFERENCE: 1074
; CURRENT APPLICATION NUMBER: US/09/111,730
; CURRENT FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5

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Mon Aug 9 10:28:24 2004

; PRIOR APPLICATION NUMBER: 60/102,939
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/089,367
; PRIOR FILING DATE: 1998-06-15
; PRIOR APPLICATION NUMBER: 60/079,624
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 1217
; TYPE: DNA
; ORGANISM: Renilla mulleri
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (31)..(963)
; OTHER INFORMATION: Renilla mulleri luciferase
US-09-609-161B-17

Query Match 2.8%; Score 37.8; DB 4; Length 1217;
Best Local Similarity 66.7%; Pred. No. 0.36; Indels 0; Gaps 0;
Matches 54; Conservative 0; Mismatches 27;
QY 1243 TATTAAATGTTGCCCATTTATGAGTTATGATCAATTTGTATTAATAATTAAGTTACAG 1302
Db 1137 TATTATAATATCACATCTTATGTAATAAACTTTGTTTAAATAATTAATGATTCAG 1196
QY 1303 ATGTCAAAAAATAAAAAA 1323
Db 1197 AAAAAAATAAAAAA 1217

RESULT 15
US-09-134-218-1
; Sequence 1, Application US/09134218A
; Patent No. 6312926
; GENERAL INFORMATION:
; APPLICANT: Shatkin, Aaron J.
; APPLICANT: Pillutla, Renuka
; APPLICANT: Reinberg, Danny
; APPLICANT: Yu, Zheng
; APPLICANT: Moldonado, Edio
; TITLE OF INVENTION: mRNA CAPPING ENZYMES AND USES THEREOF
; FILE REFERENCE: 601-1-079 ss
; CURRENT APPLICATION NUMBER: US/09/134,218A
; CURRENT FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 4160
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-134-218-1

Query Match 2.8%; Score 37.8; DB 4; Length 4160;
Best Local Similarity 73.8%; Pred. No. 0.73; Indels 0; Gaps 0;
Matches 48; Conservative 0; Mismatches 17;
QY 1263 TTATGATTATGATCAATTTGTATTAATAATTAAGTTACAGATGCAAAAAA 1322
Db 4090 TTCTCTGATTGTGTCAGTGTGTGTGTAATAAAGCTACTGATGTA 4149
QY 1323 AAAAA 1327
Db 4150 AAAAA 4154

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